

**Senate Study Bill 1048 - Introduced**

SENATE FILE \_\_\_\_\_  
BY (PROPOSED COMMITTEE  
ON COMMERCE BILL BY  
CHAIRPERSON DANDEKAR)

**A BILL FOR**

1 An Act expanding the definition of alternate energy production  
2 facility for purposes of compliance with electric utility  
3 rate regulation requirements.  
4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1 Section 1. Section 476.42, subsection 1, paragraph a, Code  
2 2011, is amended to read as follows:

3 a. A solar, wind turbine, waste management, resource  
4 recovery, refuse-derived fuel, agricultural crops or residues,  
5 or woodburning facility. For purposes of this definition,  
6 "waste management" includes but is not limited to a facility  
7 producing synthetic gas created by a plasma gasification of  
8 biogenic material such as municipal solid waste or animal  
9 waste. For purposes of this definition, "plasma gasification"  
10 means the thermal disintegration of carbonaceous material into  
11 fragments of compounds in an oxygen-starved environment.

12 EXPLANATION

13 This bill expands the definition of an "alternate energy  
14 production facility" for purposes of compliance with electric  
15 utility rate regulation requirements.

16 Provisions contained in Code sections 476.43 and 476.44  
17 require electric utilities to either own alternate energy  
18 production facilities or small hydro facilities located  
19 in Iowa or enter into long-term contracts to purchase or  
20 wheel electricity from such facilities, or provide for the  
21 availability of supplemental or backup power to such facilities  
22 on a nondiscriminatory basis and at just and reasonable rates.

23 Currently, the applicable definition of "alternate energy  
24 production facility" in Code section 476.42 references  
25 solar, wind turbine, waste management, resource recovery,  
26 refuse-derived fuel, agricultural crops or residues, or  
27 woodburning facilities. The bill specifies that for purposes  
28 of this definition, "waste management" includes but is not  
29 limited to a facility producing synthetic gas created by a  
30 plasma gasification of biogenic material such as municipal  
31 solid waste or animal waste, and that "plasma gasification"  
32 means the thermal disintegration of carbonaceous material into  
33 fragments of compounds in an oxygen-starved environment.